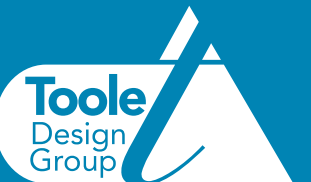
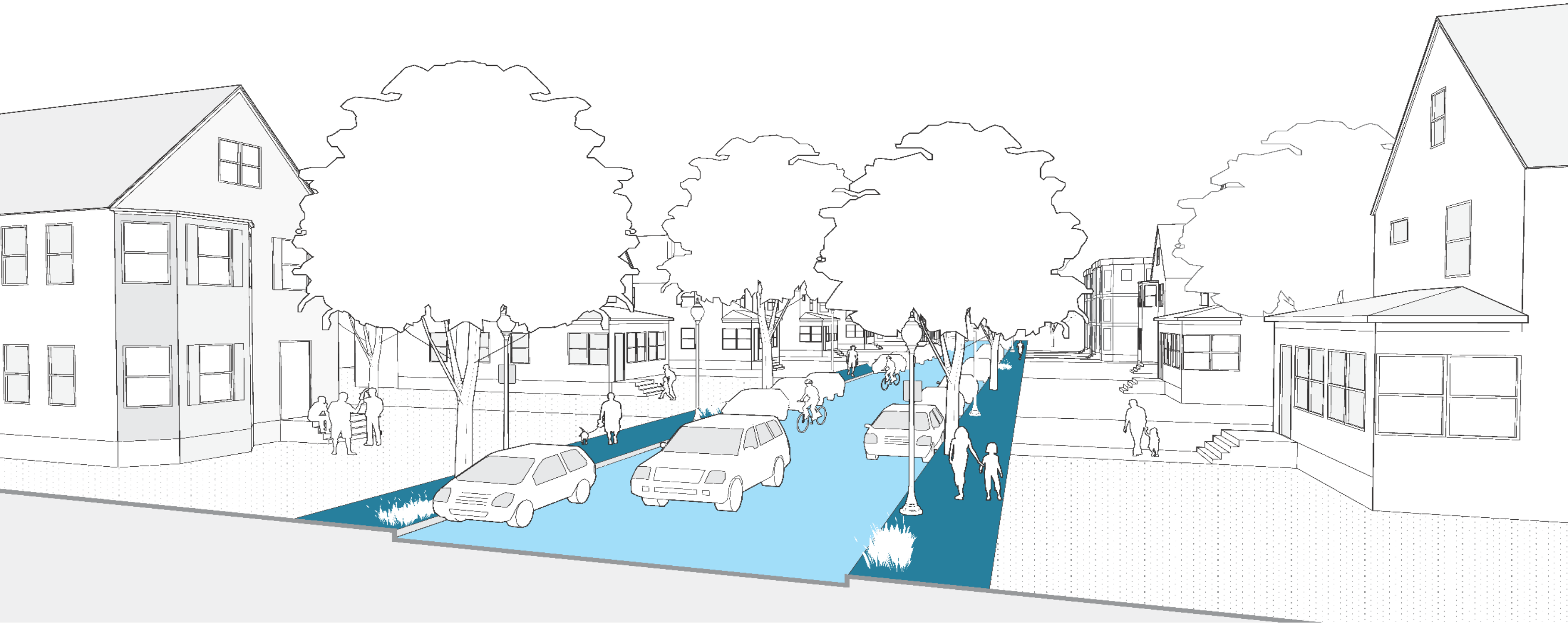


# Talbot-Norfolk Triangle Neighborhood Slow Streets Meeting Agenda 12/1/15

1. Introductions (5 min)
2. Presentation (20 min)
3. Group Exercise (20 min)
4. Idea Harvest (10 min)
5. Wrap Up

# Boston's Neighborhood Slow Streets



# Vision Zero Boston

Traffic Safety Goal for All of Boston  
to End Traffic-Related Deaths



**Neighborhood  
Slow Streets**  
Targeted Effort for  
Residential Streets





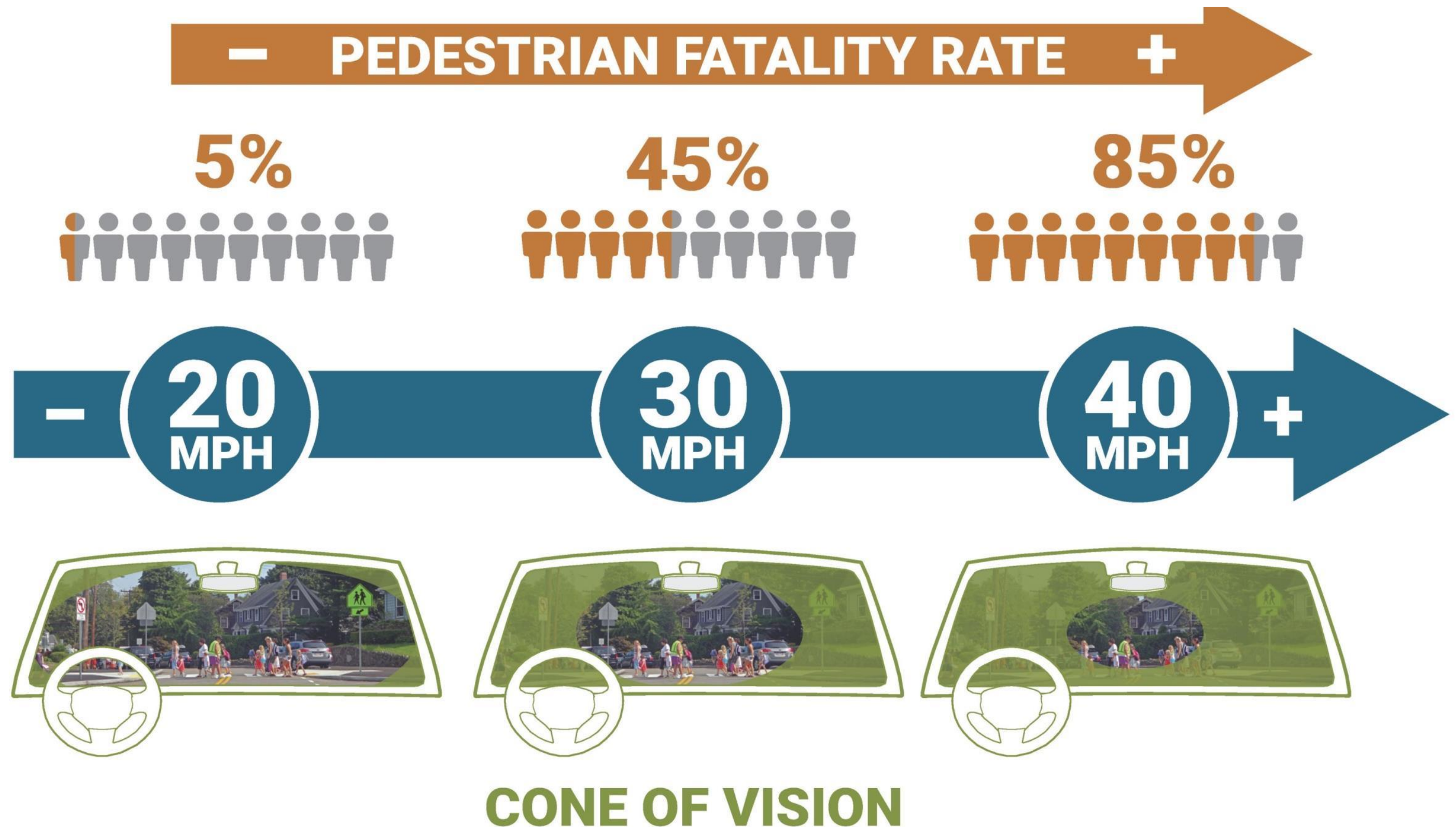
# What Makes a Street Safe?



Source: Katherine Brown – Oakland Voices 2012



# Speed, Safety, and Comfort

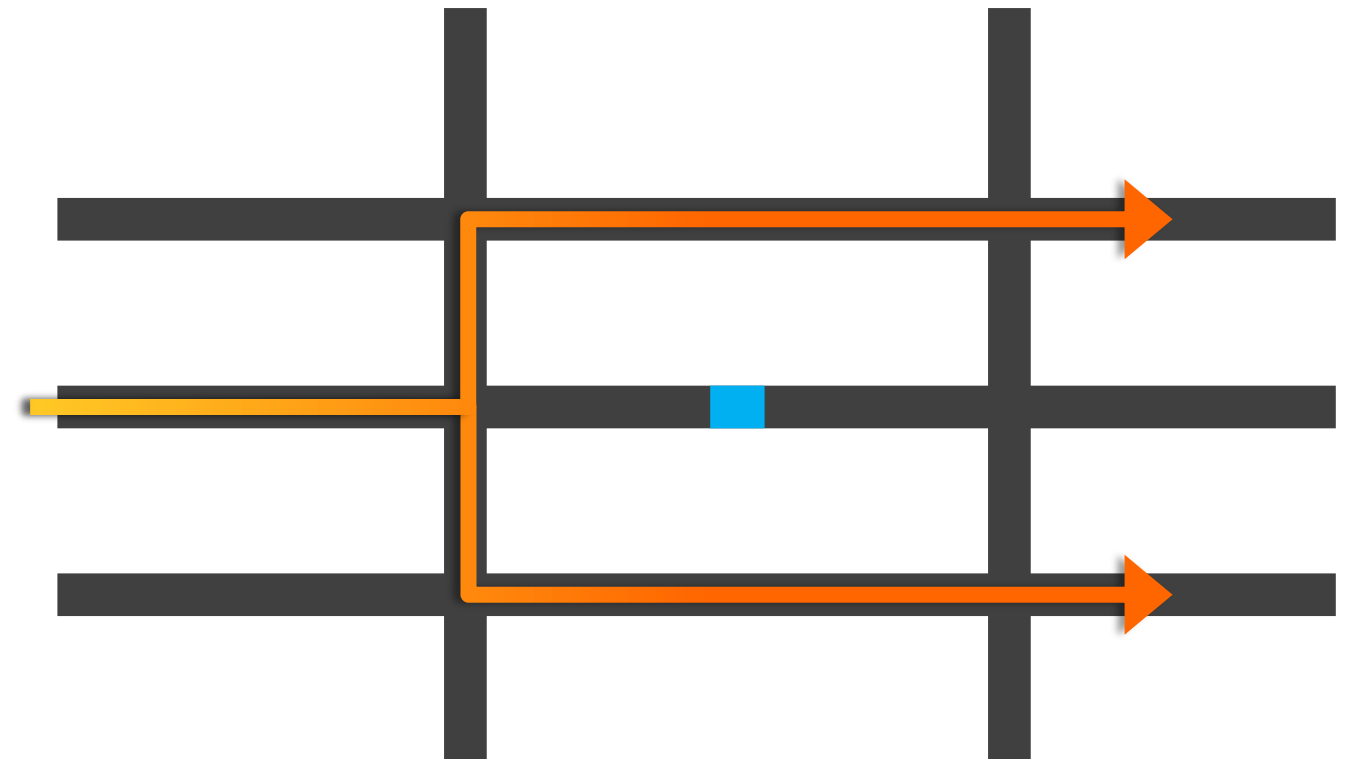




# Why Zone-Based?

## Transfer Effect

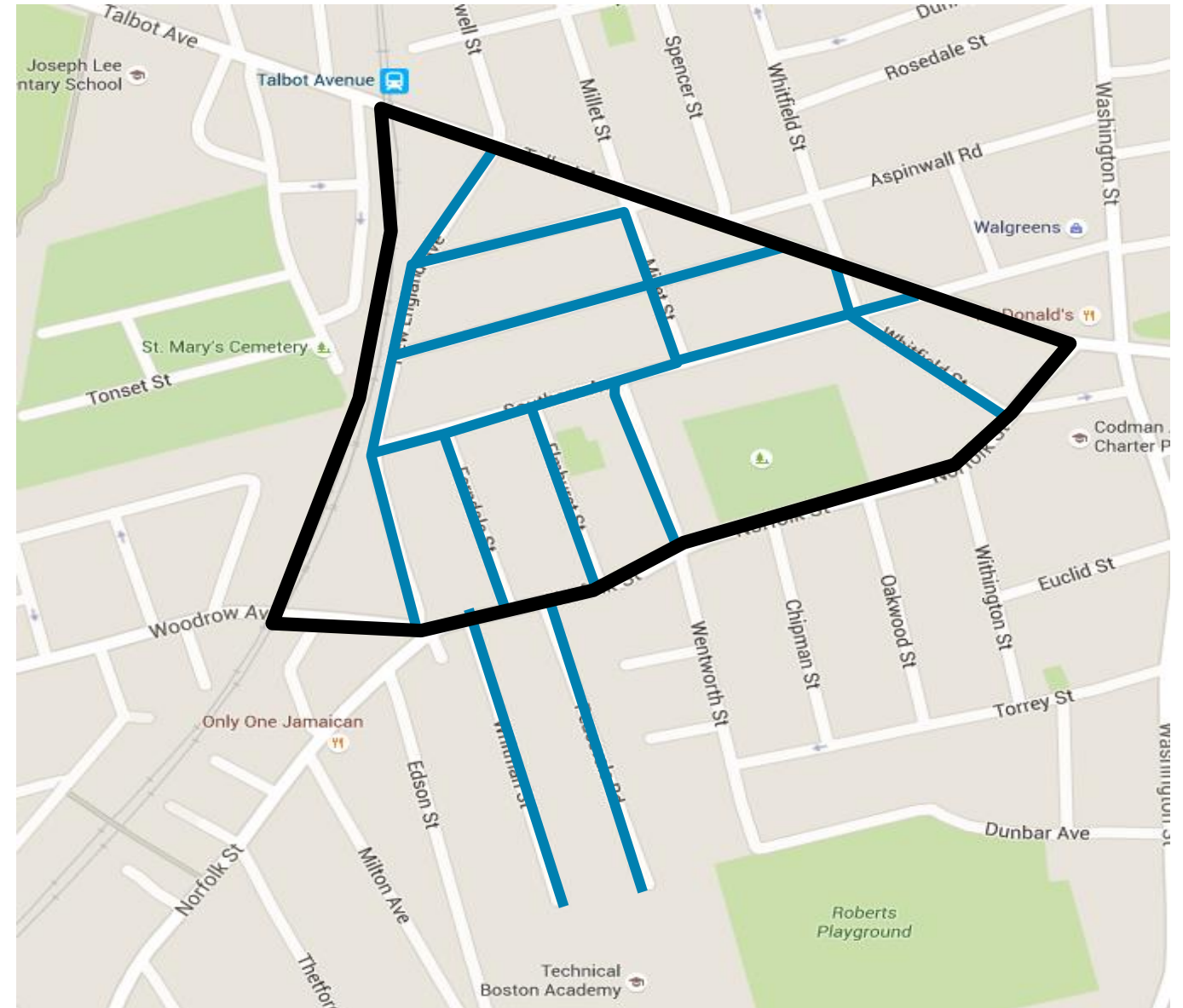
- Single measure vs. system-wide approach
- Drivers seek alternate routes
- Traffic may increase on parallel routes without traffic calming





# Boston's Neighborhood Slow Streets

- 20 mph within zone
- Welcome Mats
- Geometric modifications
- Signage
- Pavement markings





# PILOT NEIGHBORHOOD SLOW STREETS ZONES

# Pilot NSS Zones

- Talbot-Norfolk Triangle (TNT) & Stonybrook
- Use pilots to refine proposed process
  - *Neighborhood Groups Apply*
  - *Project Evaluation / Selection*
  - **Data Collection / Concept Development**
  - **Community Engagement / Input**
  - **Design Review**
  - **Implementation**



# Talbot-Norfolk Triangle (TNT)

## Slow Streets Pilot

- Eco-innovation district
- Organized and established community support
- Significant community input / work to date
- Traffic calming requests





Harambee Park / Franklin Field



St Mary's Cemetery

**Talbot Ave Station**

**Codman Square NDC**

**Shawmut Station**  
0.25 miles

**The Boston Project Ministries**

Codman Burying Ground

**Codman Square Health Center**

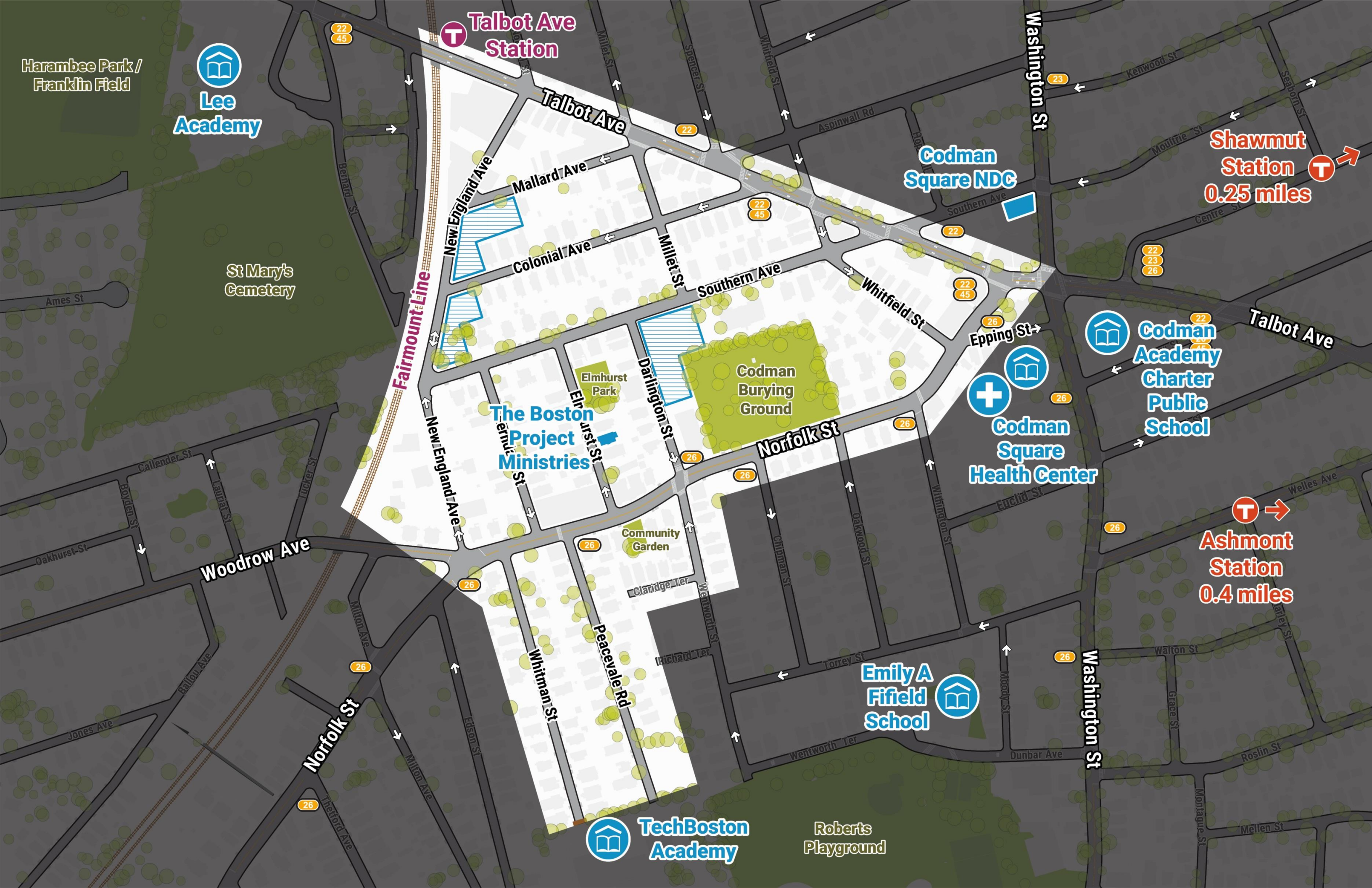
**Codman Academy Charter Public School**

**Ashmont Station**  
0.4 miles

**Emily A Fifield School**

**TechBoston Academy**

Roberts Playground





Harambee Park / Franklin Field



St Mary's Cemetery

Talbot Ave Station

Existing School Walking Route

The Boston Project Ministries

TechBoston Academy

Roberts Playground

Codman Square NDC

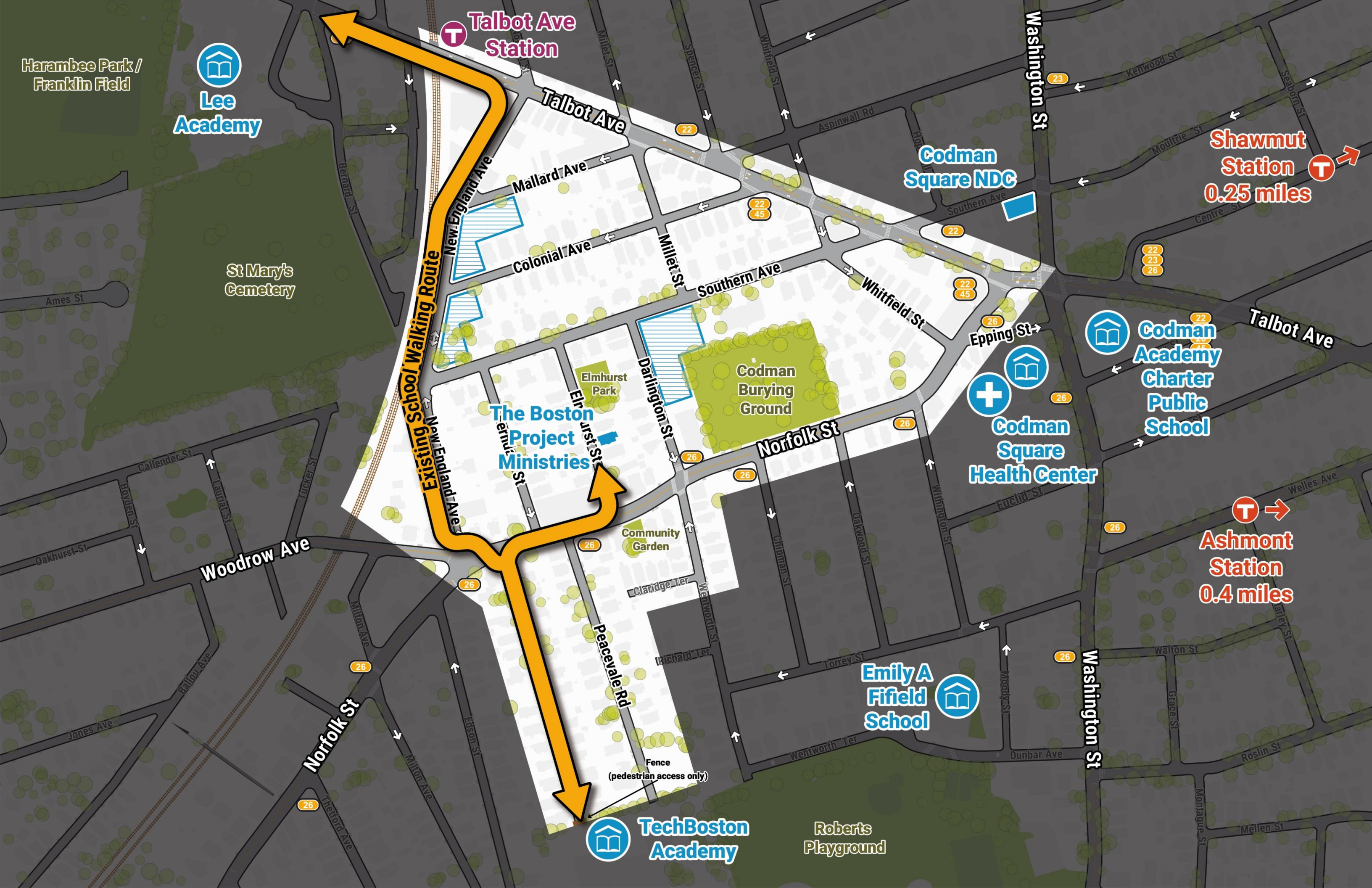
Codman Square Health Center

Codman Academy Charter Public School

Emily A Fifield School

Shawmut Station 0.25 miles

Ashmont Station 0.4 miles





Harambee Park /  
Franklin Field

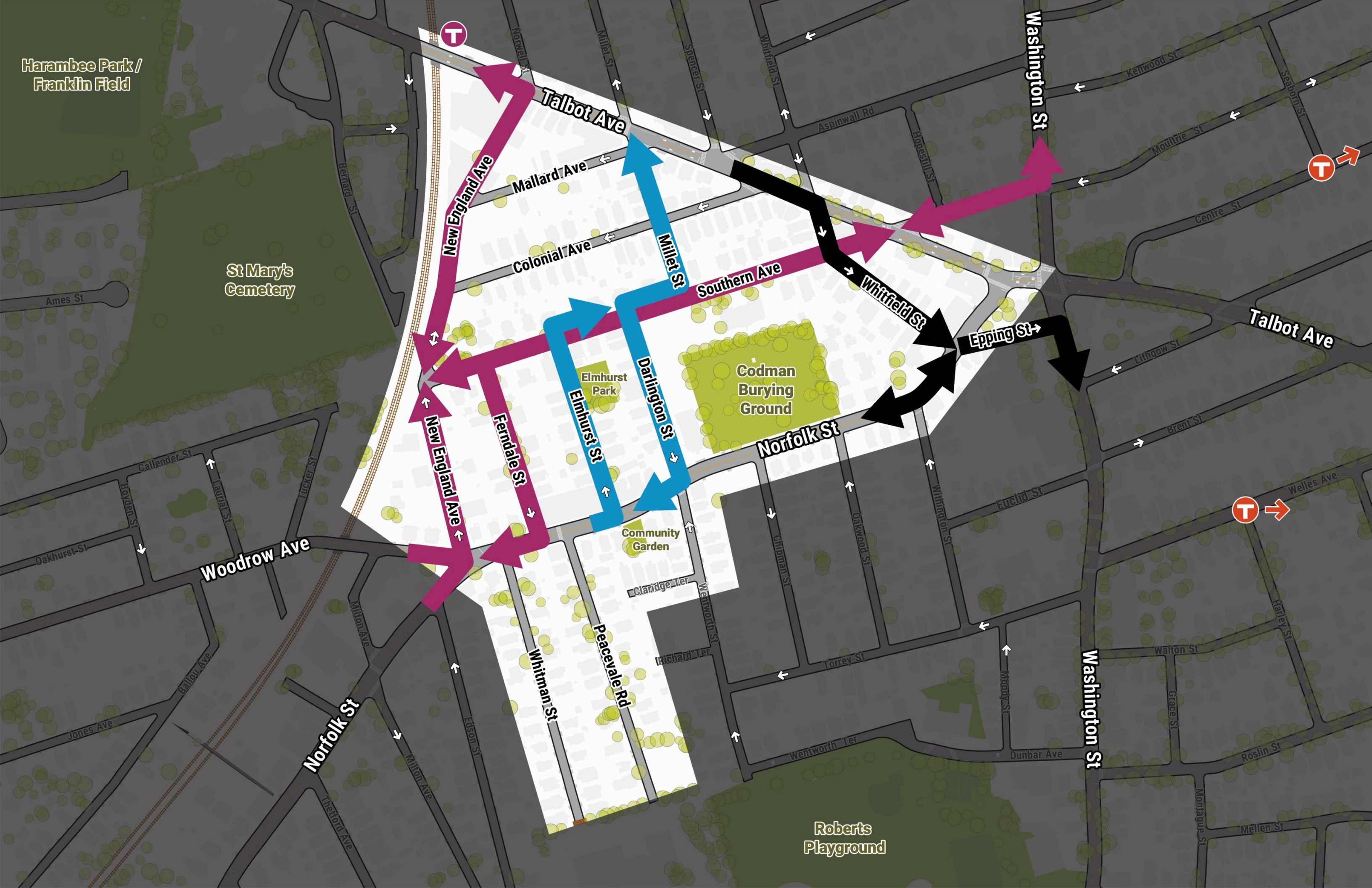
St Mary's  
Cemetery

Elmhurst  
Park

Codman  
Burying  
Ground

Community  
Garden

Roberts  
Playground





Harambee Park / Franklin Field



St Mary's Cemetery

# Vision Zero Project Extents

Codman Square NDC

Envisioned Fairmount Greenway

The Boston Project Ministries

Codman Burying Ground

Codman Square Health Center

Codman Academy Charter Public School

Proposed Bike Lanes

Emily A Fifiel School

TechBoston Academy

Roberts Playground





Harambee Park / Franklin Field



St Mary's Cemetery

Talbot Ave Station

Codman Square NDC

Shawmut Station  
0.25 miles

The Boston Project Ministries

Codman Burying Ground

Codman Academy Charter Public School  
Codman Square Health Center

Ashmont Station  
0.4 miles

Emily A Fifield School

TechBoston Academy

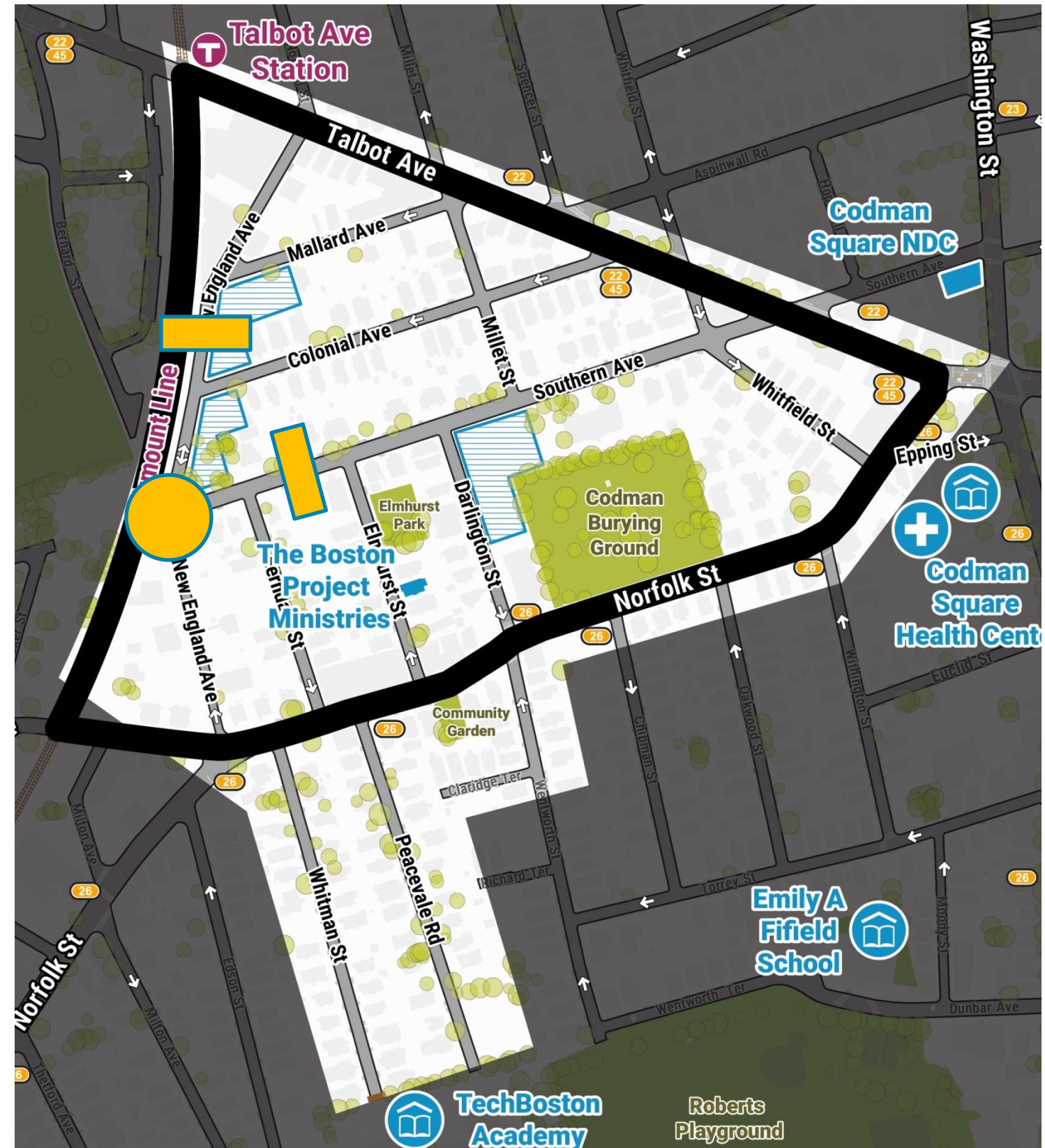
Roberts Playground





# TNT Data Collection + Analysis

- Crash Data
- Speed and Volume
  - New England Ave
  - Southern Ave
- Turning Movements
  - New England Ave @ Southern Ave
- Safety Audit 10/6/15
- Site Visit 11/13/15





Harambee Park / Franklin Field

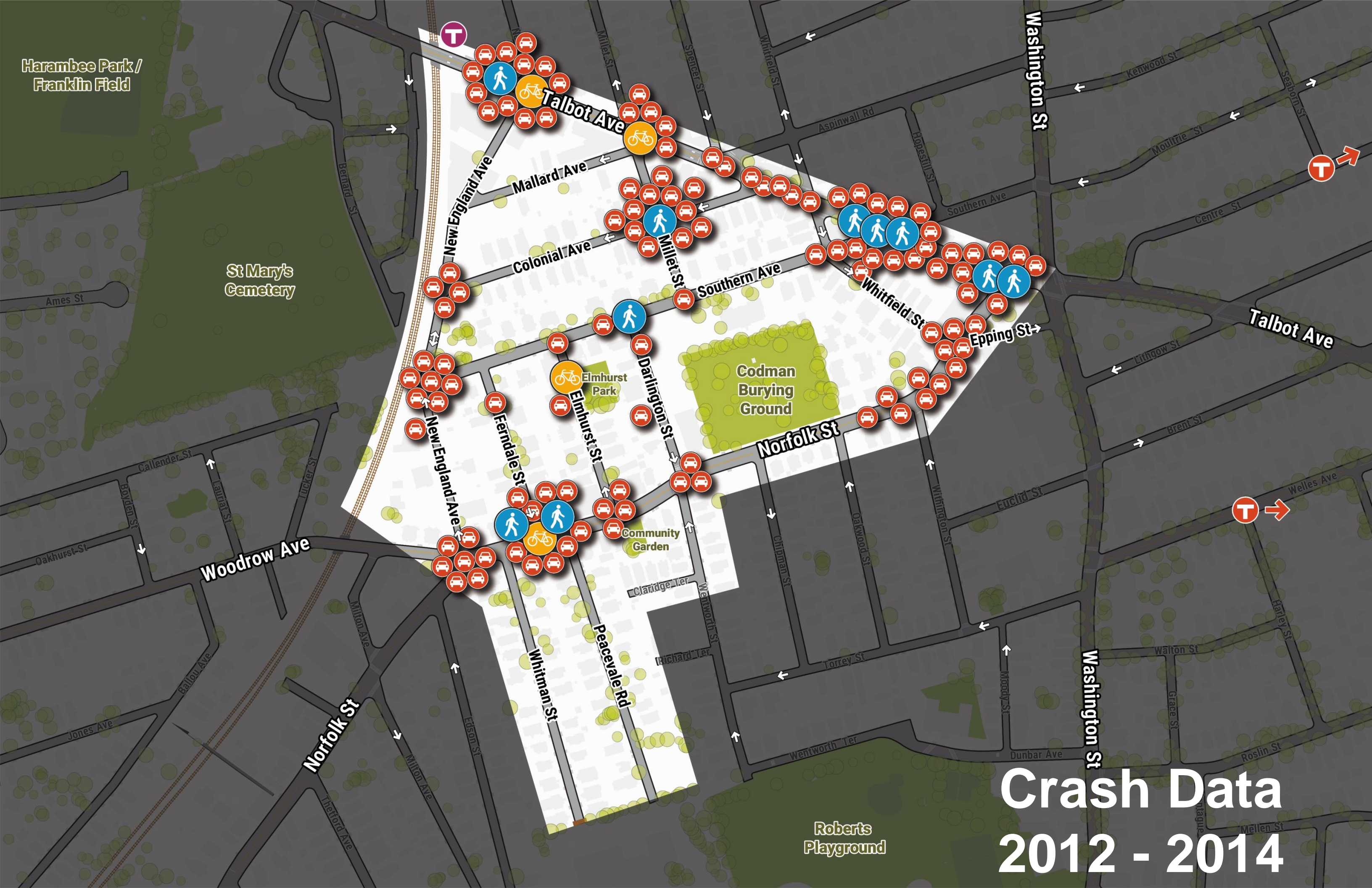
St Mary's Cemetery

Codman Burying Ground

Community Garden

Roberts Playground

# Crash Data 2012 - 2014





# CHALLENGES / ISSUES + POTENTIAL TREATMENTS



# Sidewalk Gaps, Curb Ramps, Crosswalks





# ***DRAFT*** Slow Streets Toolbox

- **Standard across zone**
  - “Welcome Mats”
  - 20 MPH pavement markings
  - Speed humps
  - Curb Extensions / Daylighting

Add pic of entrance



Harambee Park / Franklin Field



St Mary's Cemetery

Talbot Ave Station

Codman Square NDC

Shawmut Station  
0.25 miles

Codman Academy Charter Public School

Codman Square Health Center

Ashmont Station  
0.4 miles

Emily A Fifield School

TechBoston Academy

Roberts Playground

# Welcome Mats at Entry Points





# Gateway Treatment, NYC



*Source: New York City Neighborhood Slow Zones*

***Boston Neighborhood Slow Streets***





# Gateway Treatment, NYC



*Source: New York City Neighborhood Slow Zones*

*Boston Neighborhood Slow Streets*



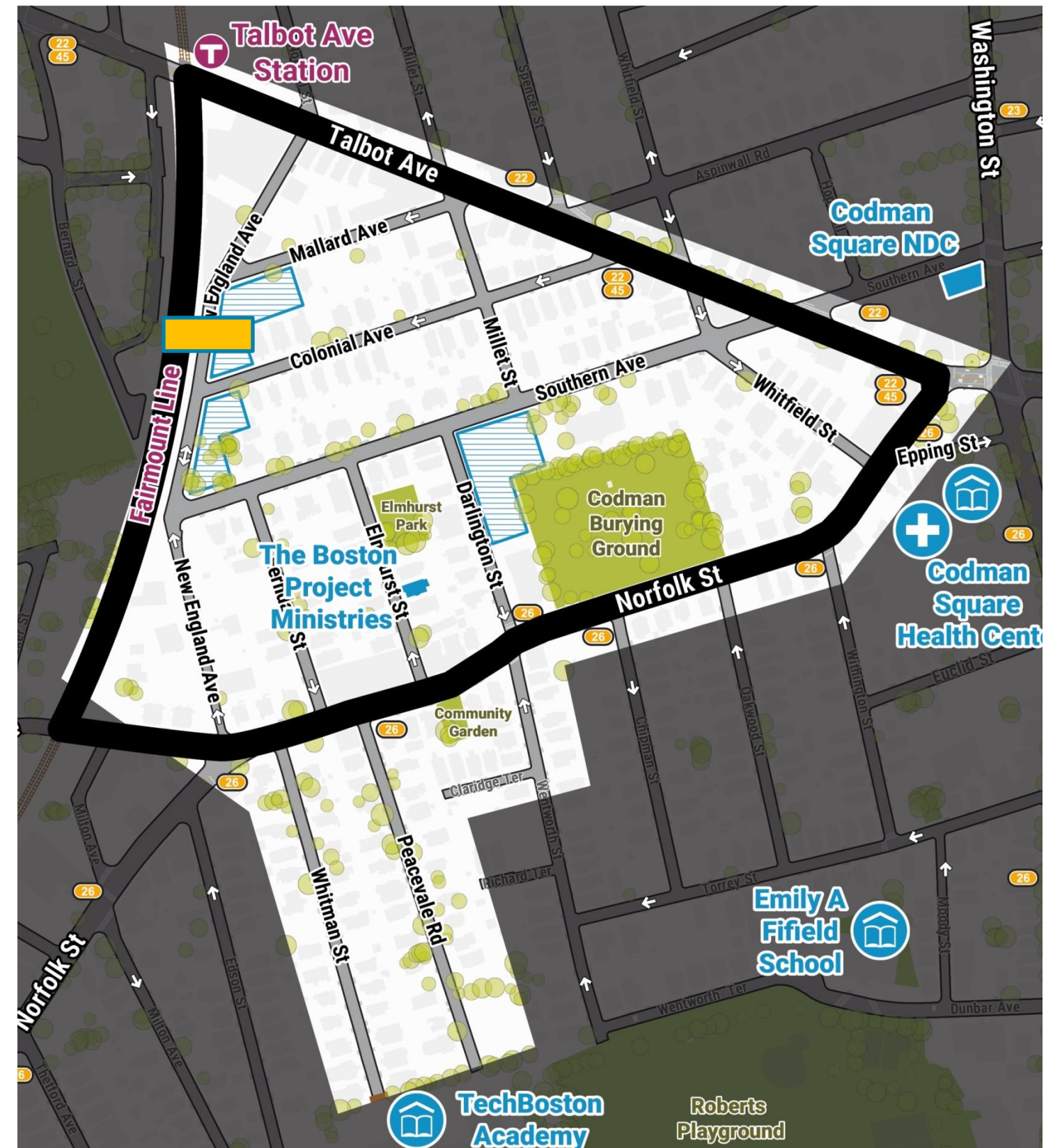
# Speeding / Cut Through Traffic





# New England Avenue 24 Hr Counts

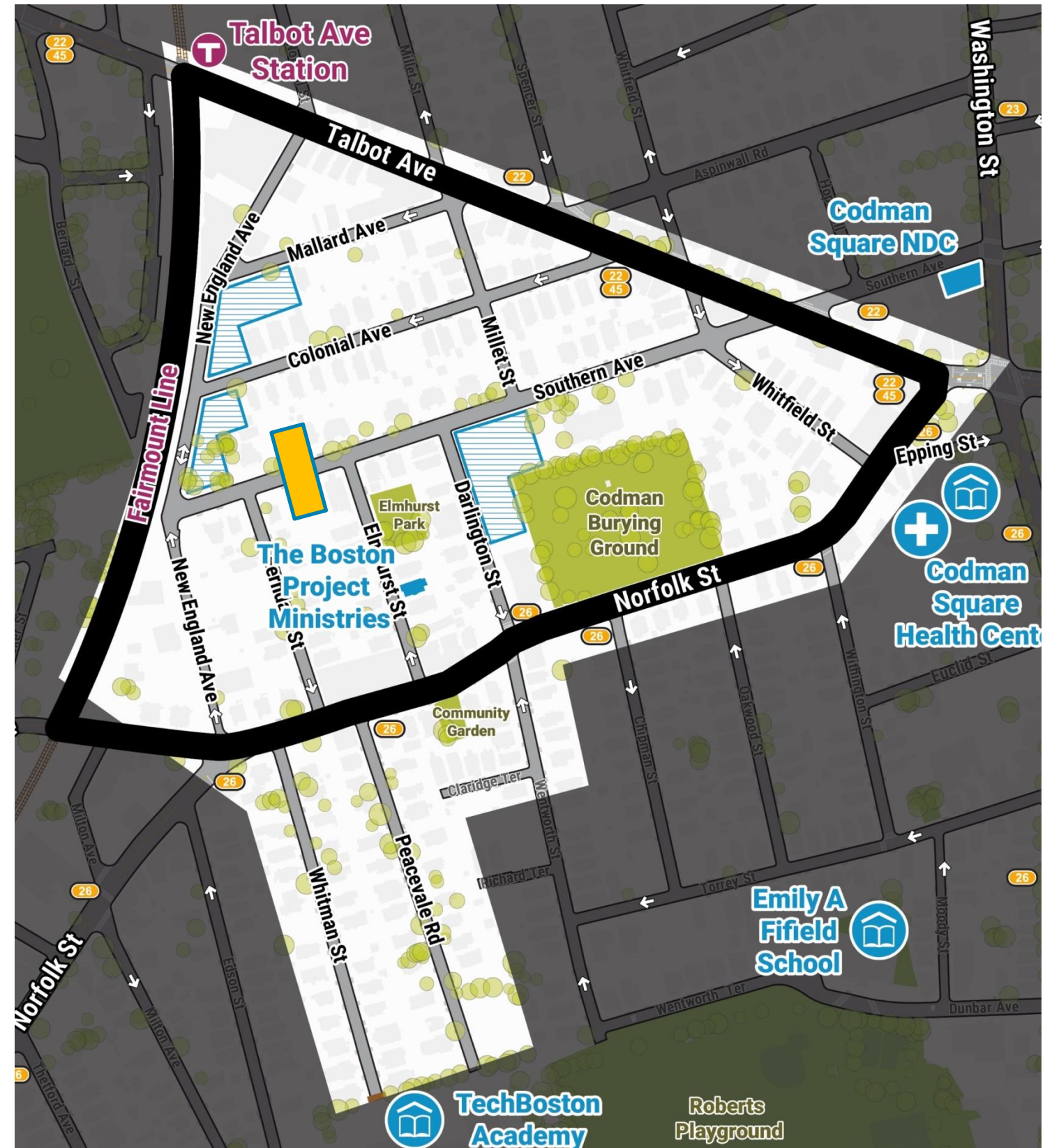
- Total volume:  
**6,771 vehicles**
- **477 vehicles (7%)**  
traveling >30 mph
- 2 vehicles traveling  
> **60 mph**





# Southern Avenue 24 Hr Counts

- Total volume: 3,353 vehicles
  - **2,941 EB**
  - 412 WB
- **286 vehicles (9%)** traveling >30 mph





Harambee Park /  
Franklin Field



St Mary's  
Cemetery

**T** Talbot Ave  
Station

Codman  
Square NDC

**T** Shawmut  
Station  
0.25 miles

**T** Codman  
Academy  
Charter  
Public  
School

**+** Codman  
Square  
Health Center

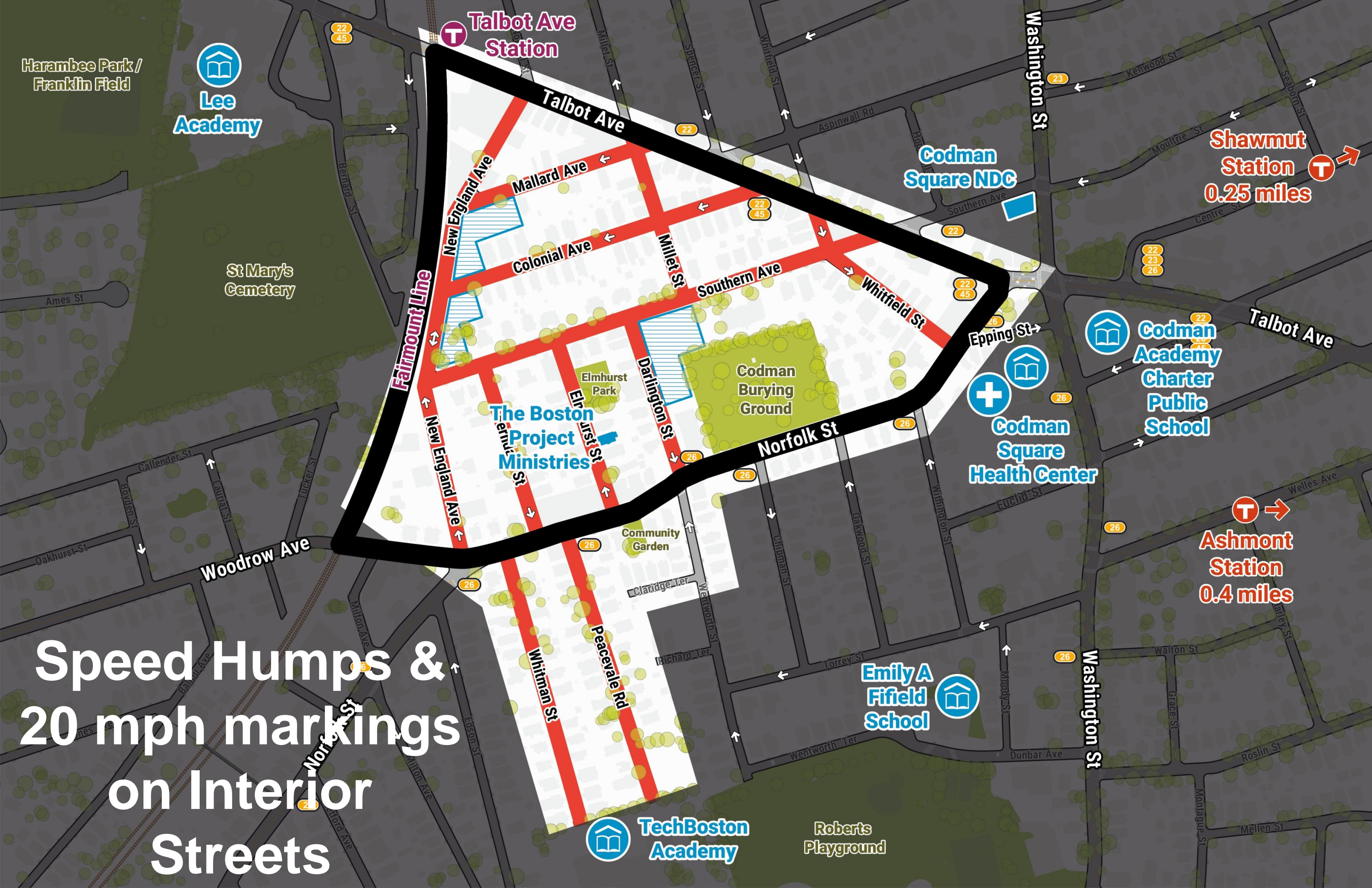
**T** →  
Ashmont  
Station  
0.4 miles

Emily A  
Fifield  
School

**T** TechBoston  
Academy

Roberts  
Playground

Speed Humps &  
20 mph markings  
on Interior  
Streets





# Speed Humps (not BUMPS)

## 1 Speed bump

Used mostly in private residential developments and shopping centers.

↕ 4 to 6 inches



## 2 Speed hump

Used mostly on residential streets with speed limits up to 25 mph.

↕ 3 to 4 inches



Sources: Palm Beach County and local communities

Steve Lopez/The Palm Beach Post



# Speed Humps (not BUMPS)

## 1 Speed bump

Used mostly in private residential developments and shopping centers.

4 to 6 inches

Speed bump

1 to 3 feet



## 2 Speed hump

Used mostly on residential streets with speed limits up to 25 mph.

3 to 4 inches

Speed hump

10 to 12 feet



Sources: Palm Beach County and local communities

Steve Lopez/The Palm Beach Post



# Speed Humps





# Visibility





# Curb Extensions / Daylighting



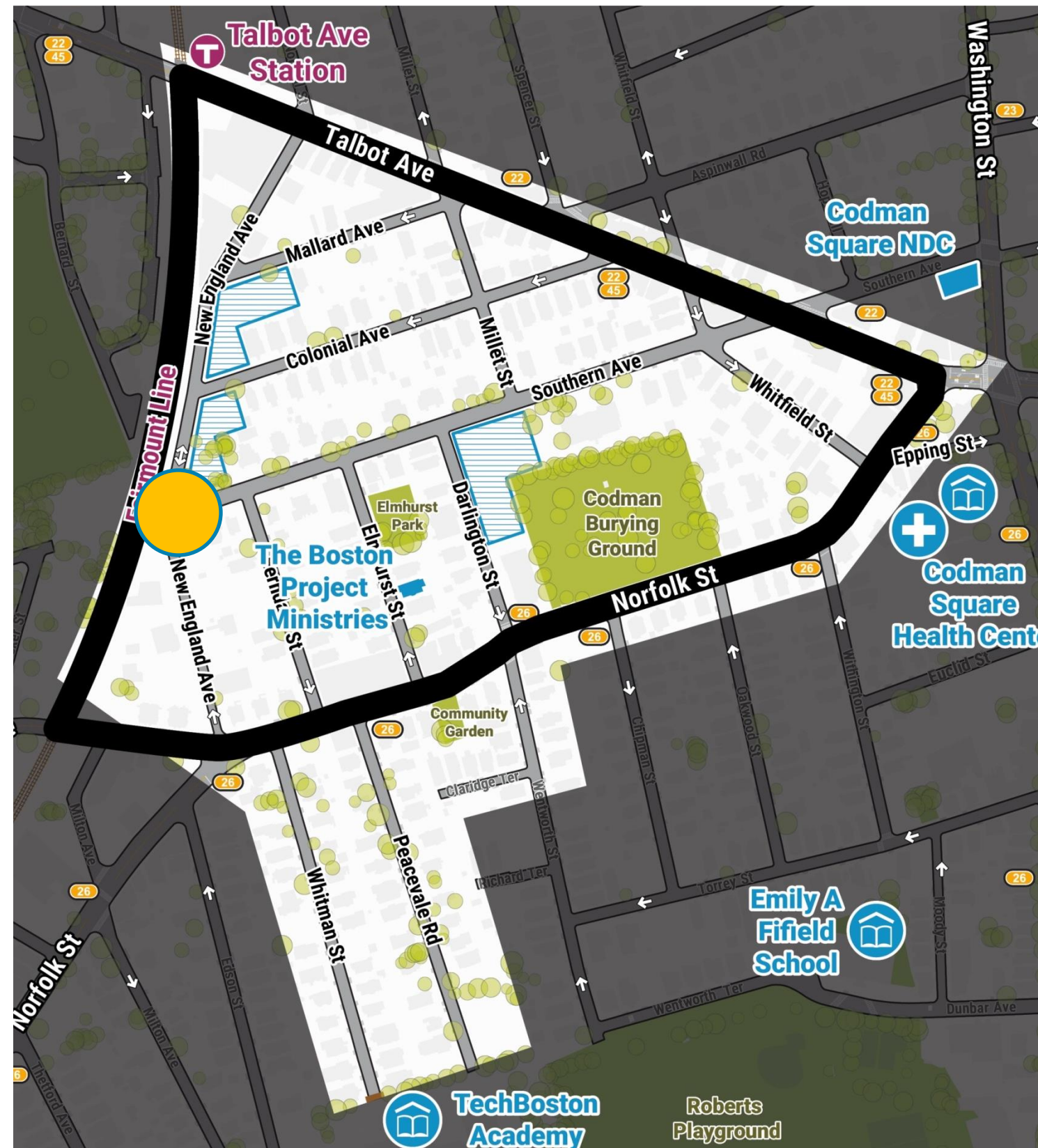


# ***DRAFT*** Slow Streets Toolbox

- Standard across zone
  - “Welcome Mats”
  - 20 MPH pavement markings
  - Speed Humps
  - Curb Extensions / Daylighting
- **Site-specific**
  - Neighborhood traffic circles
  - Chicanes
  - Raised intersections and crosswalks
  - Diverters
  - Street art



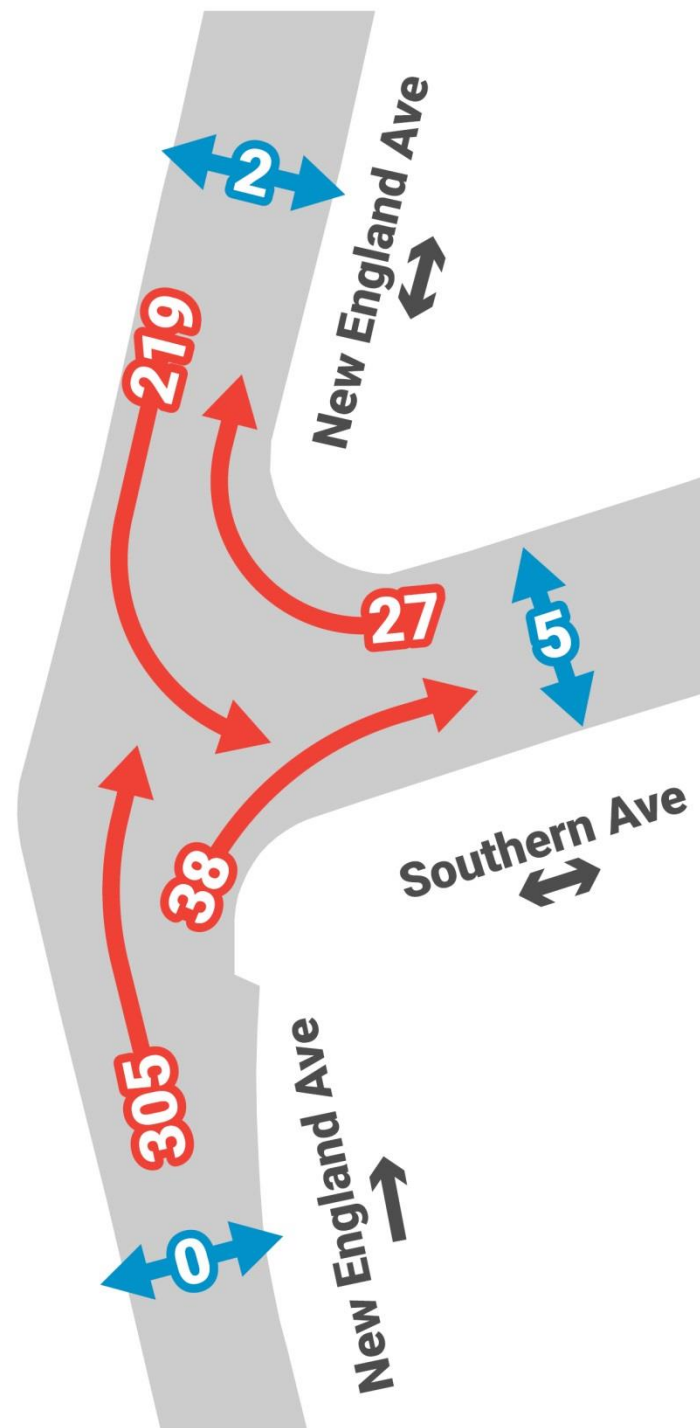
# New England Ave / Southern Ave





# New England Ave / Southern Ave

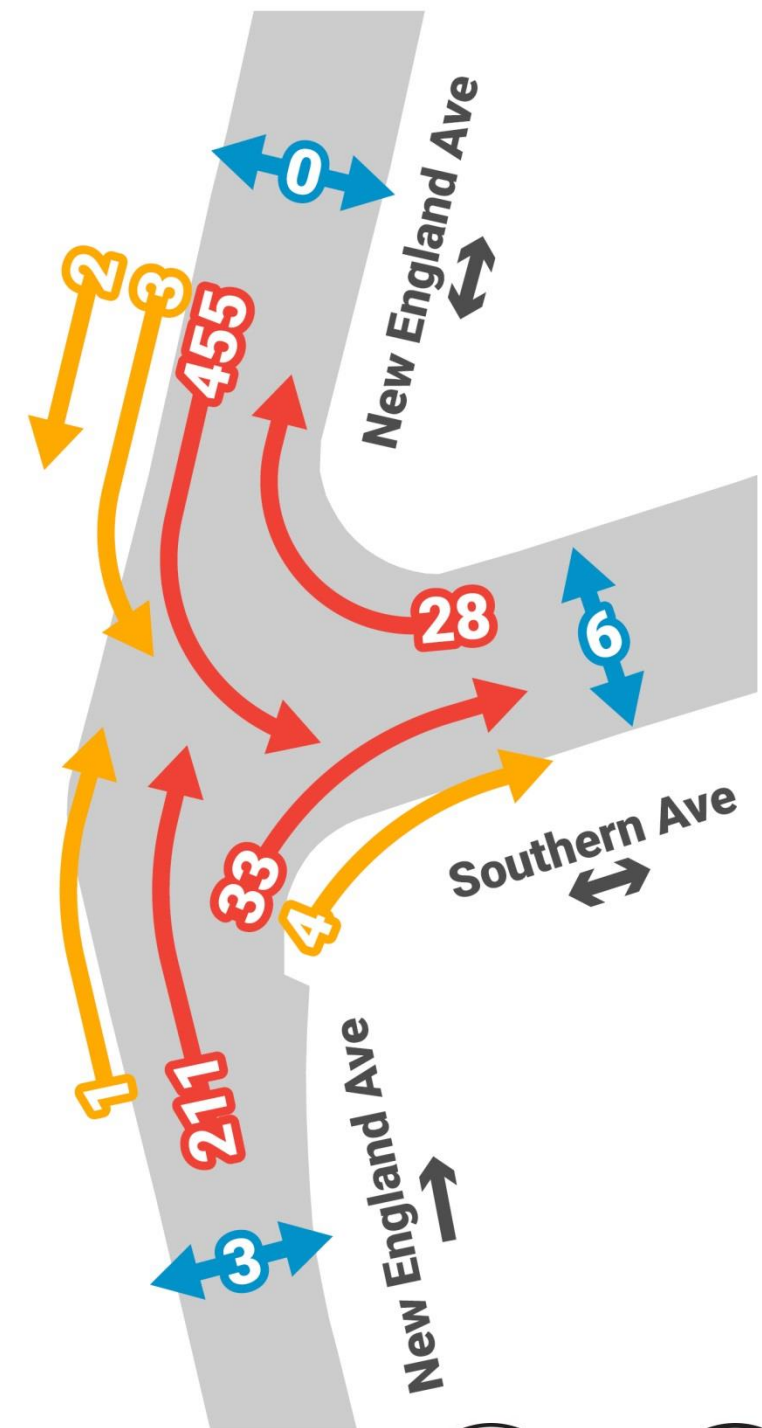
**AM (7-8AM)**



**MID (145-245PM)**



**PM (5-6PM)**



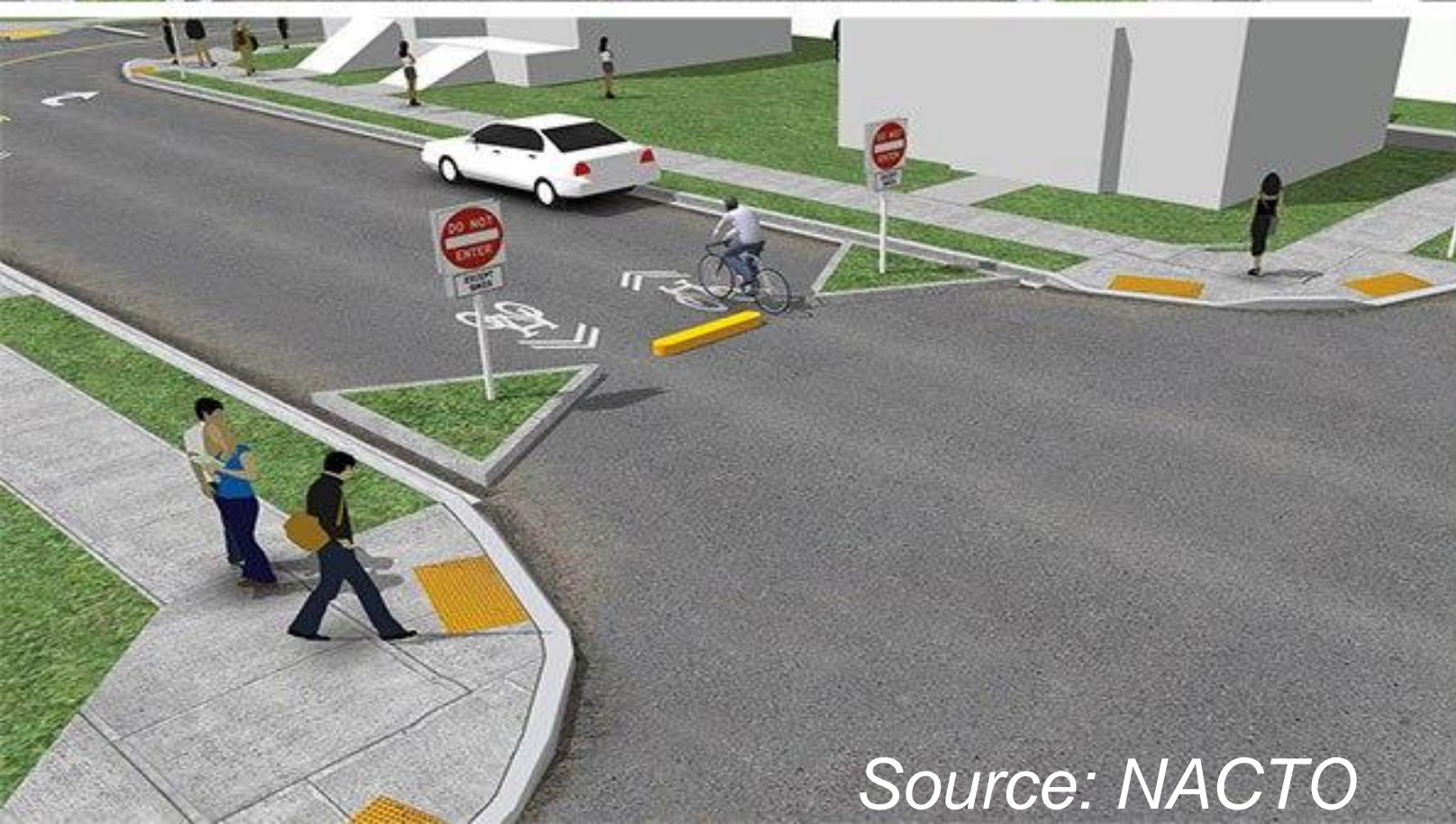


# Traffic Circle





# Diverters

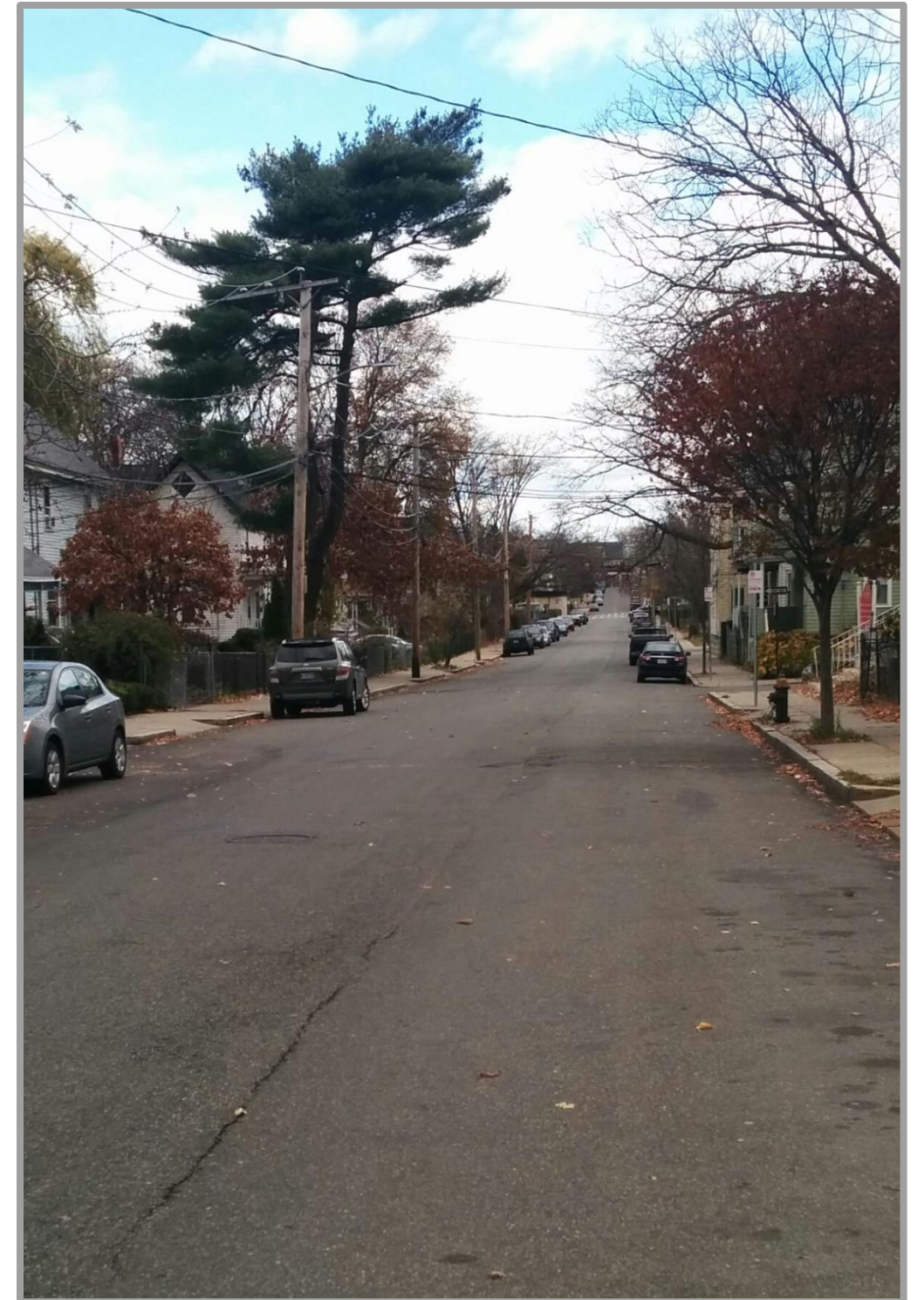


Source: NACTO



# Southern Avenue

- Challenges / Issues
  - 34' wide
  - Speeding / cut through route
  - Visibility
- Potential Treatments
  - Speed Humps and 20 mph markings
  - Daylighting at intersections
  - Chicanes
  - Raised Crosswalks or Intersections



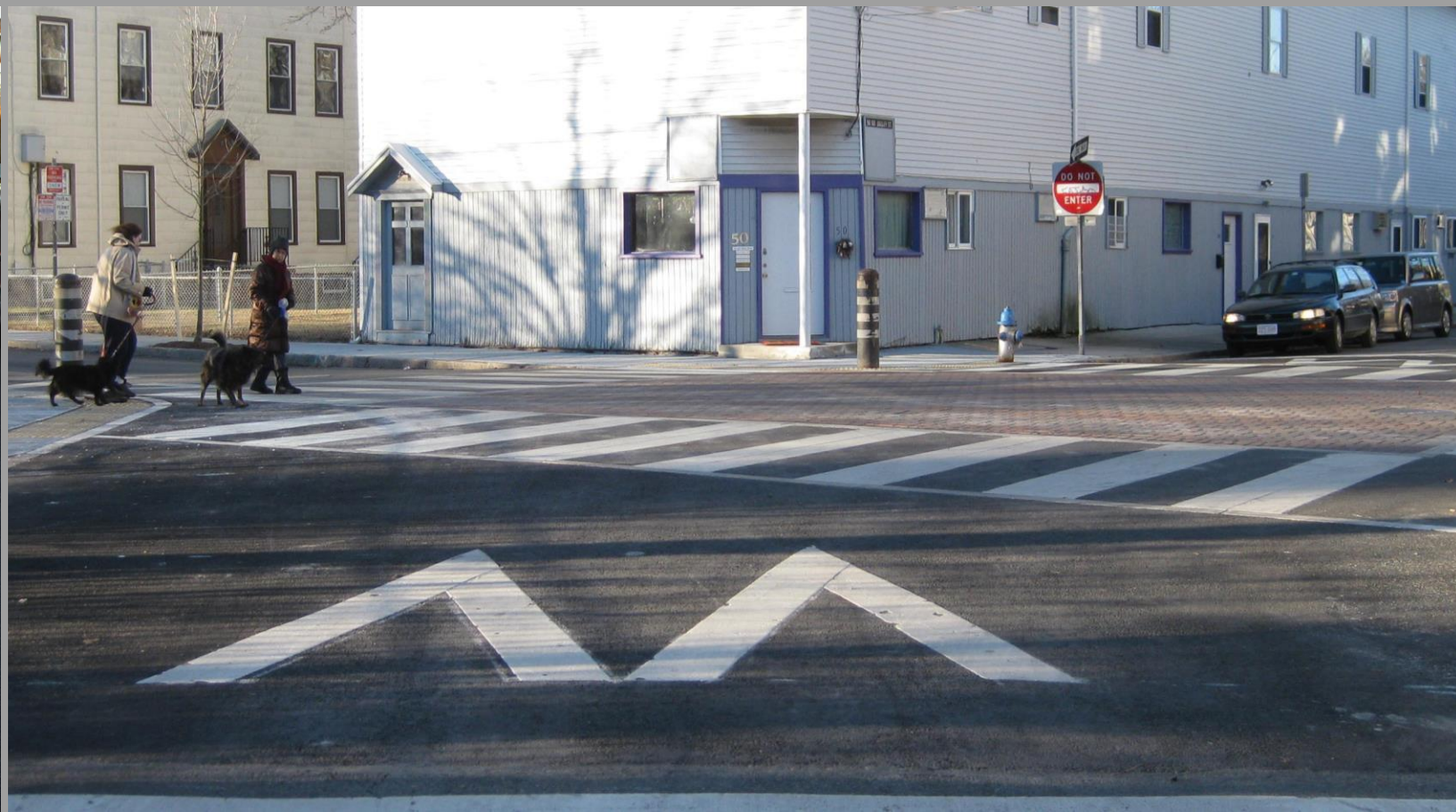
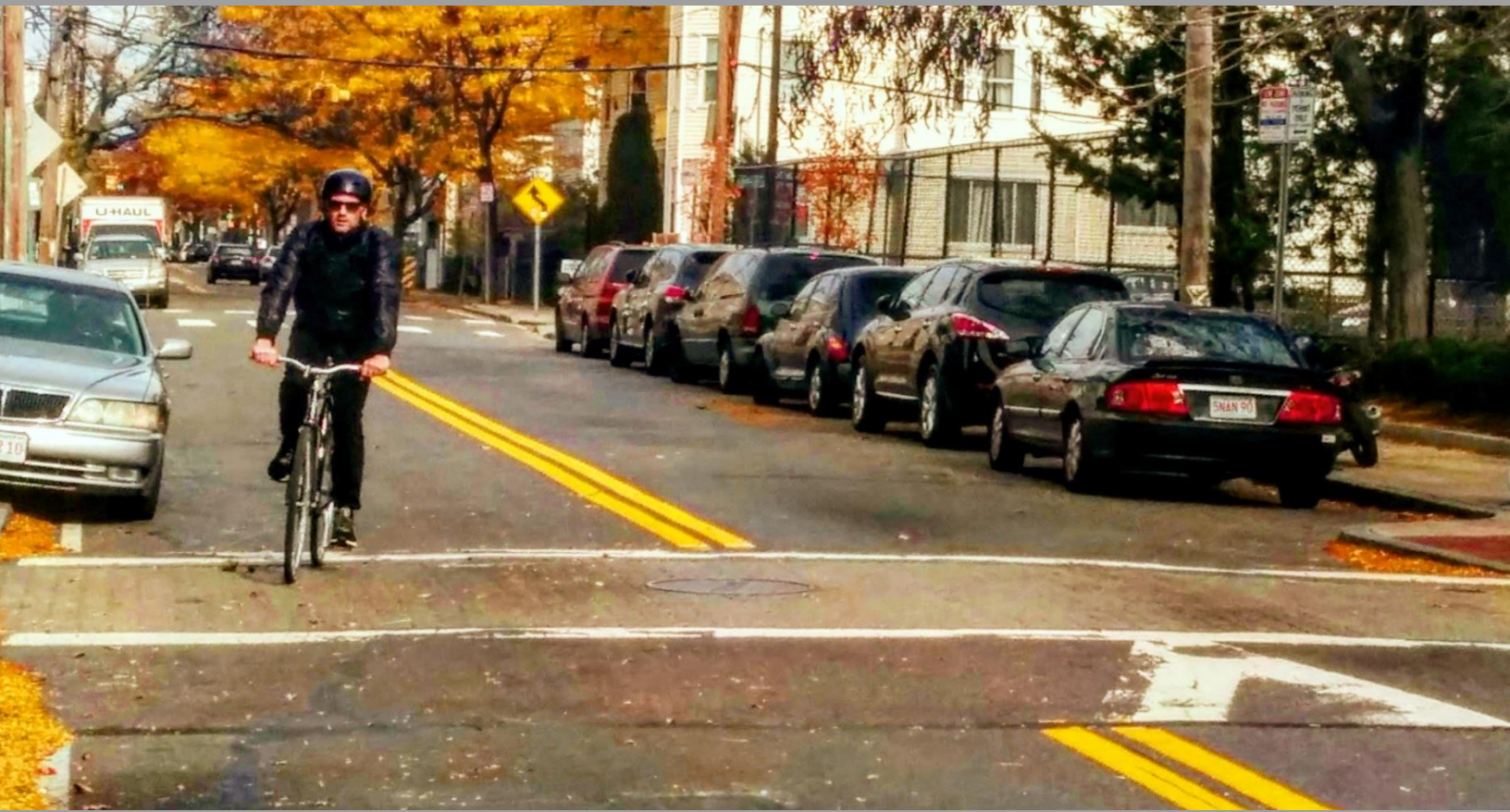


# Chicanes



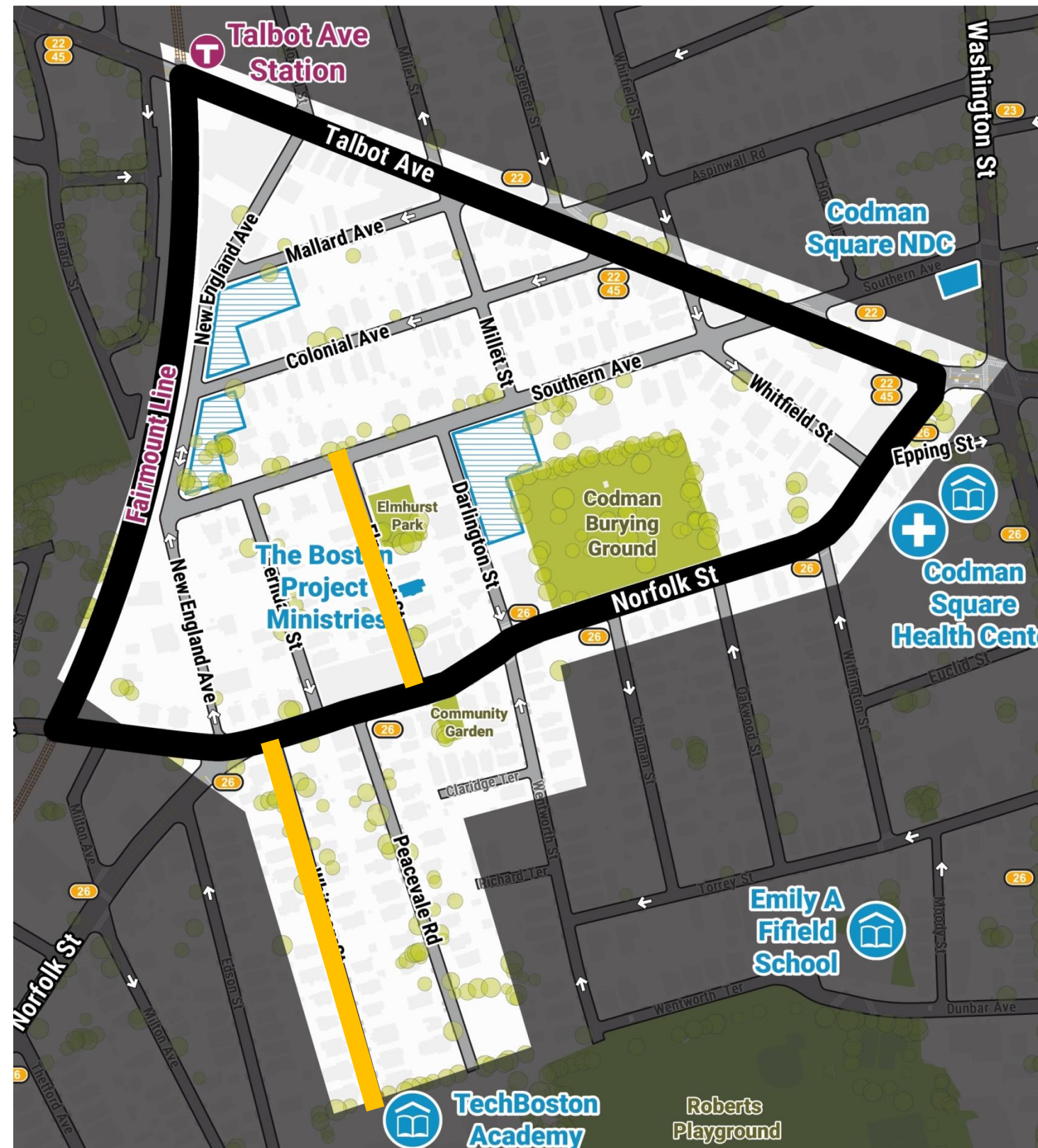


# Raised Crosswalk/Intersection



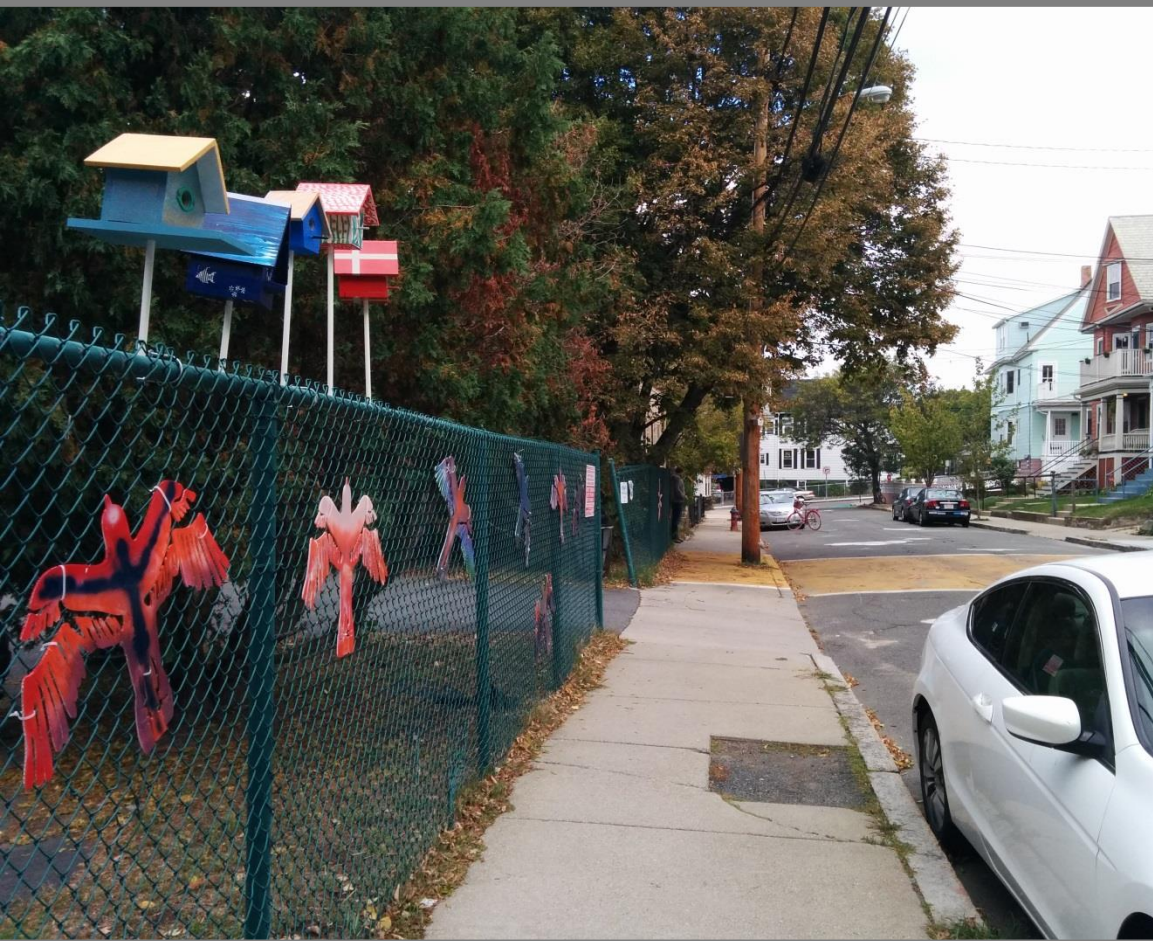


# Elmhurst and Whitman





# Street Art, Somerville





# Group Exercise

- What does your **Neighborhood Slow Streets Slow Zone** look like?
  - Mark up the maps with your ideas for how to slow speeds in TNT. Some starter questions:
    - Where would you like to see speed humps?
      - Typ. spacing = 300' – 500' (Elmhurst = 460')
    - Southern Avenue
      - What are your ideas to slow speeds on Southern Avenue?
    - Street Art
      - Where do you want street art?
      - What is the theme? (i.e., birds & clouds, animals, etc.)



# Idea Harvest

- Report back top two ideas from each group  
(Try to not to repeat other group's suggestions)
  - Location
  - Treatment
  - Art themes
  - Other ideas



# TNT Slow Streets Pilot

## Next Steps

- Public input
- Draft design plans
- Approvals
- Goal:  
Implementation  
Summer / Fall 2016





# Contact Information

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Engineer, Toole Design Group

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